Please replace the paragraph beginning at page 6, line 33, with the following rewritten paragraph:

Finally, the invention concerns a device for the turboequalization of blocks of data coded by a coder and modulated, having means for implementing the ~~optimisation~~ optimization method defined above, the ~~said~~ means supplying an optimum block size the ~~said~~ device also comprising means for transmitting optimum block size information to the coder.

Page 7, between lines 3 and 4, please insert the section heading:

BRIEF DESCRIPTION OF THE DRAWINGS

Page 7, between lines 25 and 26, please insert the section heading:

DESCRIPTION OF THE PREFERRED EMBODIMENTS

Please rewrite the Abstract as follows:

ABSTRACT

~~Method and device for optimising, under performance constraint, the size of blocks of coded data~~

A method ~~Method~~ of optimising the size of blocks of coded data intended to be subjected to an iterative decoding process, a maximum error rate ~~at the output~~ of the iterative decoding process being fixed in advance, in which there are sought, ~~amongst~~ among a plurality of block sizes (N/k) which are submultiples of the normal block size by an integer factor (k) greater than or equal to 1 and a plurality of integers giving the maximum number of iterations $(n_{iterations}^{(k)})$ ~~which~~ that can be effected by the said iterative decoding on a block, (1) a submultiple size, and (2) a maximum number of iterations such that they are compatible with

the said maximum error rate, and such that mean number of iterations $(\bar{n}^{(k)}_{\text{iterations}})$ ~~which would be effected~~ that will be applied by the iterative decoding process on a block of submultiple size is ~~as low as possible~~ minimized.

~~Fig. 7~~